

ABSTRACT OF THE DISCLOSURE

An overload control method of a high speed data communication system can include judging whether an access network is overloaded, determining a class of the overload and restricting an originating call and a termination call according to the determined class during the overload. Since the access terminal, which can be the lowermost terminal of the system, controls the data call origination, resources at the side of the access network can be effectively managed. In addition, the overload control can be discriminately performed according to a degree of the overload so that the overload control method can effectively cope with the overload situation.